

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing Of Claims:

Claim 1 (Currently Amended): A cutting tool for parting and grooving operations, comprising:

a coupling part, which is intended for mounting the cutting tool in a machine tool, and
a tool head detachably connected to the coupling part, the tool head comprising:

a basic holder part, ~~and, joined to the basic holder part,~~

a blade part, the blade part including two opposing planar surfaces that are separated by a depth that is shorter than the length and width dimensions of the two opposing planar surfaces, and wherein the depth of the blade part is horizontally transverse to a longitudinal direction of the blade part,

wherein in a front portion of the blade part, ~~which~~ an insert pocket is formed, in which a cutting insert is fastenable, and in a back portion, which is opposite in the longitudinal direction from the front portion, the blade part is joined to the basic holder part,

wherein the cutting tool includes ~~comprising~~ means for supplying cooling agent to the cutting insert, and

wherein said cooling agent supplying means includes a tube member, which is mounted in a recess, which is horizontally transverse to ~~[[a]]~~ the longitudinal direction of the blade part and arranged in the tool head, the tube member having an inlet for connection to a cooling agent source and an outlet for leading the cooling agent in a direction towards the cutting insert.

Claim 2 (Currently Amended): A cutting tool according to claim 1, wherein the basic holder part and the blade part are formed in one piece, the basic holder part having considerably larger ~~width~~ depth than the blade part.

Claim 3 (Previously Presented): A cutting tool according to claim 1, wherein the transverse recess, in which said tube member is mounted, is arranged in the basic holder part of the tool head.

Claim 4 (Previously Presented): A cutting tool according to claim 1, wherein the tube member receiving recess in the tool head has a longitudinal extension substantially perpendicular to the longitudinal extension of the blade part.

Claim 5 (Previously Presented): A cutting tool according to claim 1, wherein the tube member receiving recess in the tool head is a through hole.

Claim 6 (Previously Presented): A cutting tool according to claim 1, wherein the outlet of the tube member is arranged at substantially the same level vertically as the cutting insert in the insert pocket.

Claim 7 (Previously Presented): A cutting tool according to claim 1, wherein the tube member has a substantially cylindrical basic shape and has at least two sections with different diameters.

Claim 8 (Previously Presented): A cutting tool according to claim 1, wherein there is provided, in the tool head, a leading channel for cooling agent from the recess of the tool head to the insert pocket.

Claim 9 (Previously Presented): A cutting tool according to claim 1, wherein the coupling part has a recess for receiving a part of said tube member, and that the tube member is adapted to be received partly in the recess of the tool head and partly in the recess of the coupling part, when the coupling part and the tool head are connected with each other.

Claim 10 (Currently Amended): A tool head for a cutting tool for parting and grooving operations, which is detachably connectable to a coupling part of the cutting tool and which has a blade part, the blade part including two opposing planar surfaces that are separated by a depth that is shorter than the length and width dimensions of the two opposing planar surfaces, and wherein the depth of the blade part is horizontally transverse to a longitudinal direction of the blade part.

wherein in a front portion of the blade part, which an insert pocket is formed, in which a cutting insert is fastenable, and in a back portion, which is opposite in the longitudinal direction from the front portion, the blade part is joined to the basic holder part, and

wherein ~~[[it]]~~ the tool head has a recess horizontally transverse to ~~[[a]]~~ the longitudinal direction of the blade part, in which recess a tube member is mounted, the tube member having an inlet for connection to a cooling agent source and an outlet for leading the cooling agent in a direction towards the cutting insert.

Claim 11 (Currently Amended): A cutting tool for parting and grooving operations, comprising:

a coupling part, which is intended for mounting the cutting tool in a machine tool, and
a tool head detachably connected to the coupling part, the tool head comprising:

a basic holder part, ~~and, joined to the basic holder part,~~

a blade part, the blade part including two opposing planar surfaces that are separated by a depth that is shorter than the length and width dimensions of the two opposing planar surfaces, and wherein the depth of the blade part is transverse to a longitudinal direction of the blade part,

wherein in a front portion of the blade part, ~~which~~ an insert pocket is formed, in which a cutting insert is fastenable, and in a back portion, which is opposite in the longitudinal direction from the front portion, the blade part is joined to the basic holder part,

wherein the cutting tool includes ~~comprising~~ means for supplying cooling agent to the cutting insert, and

wherein said cooling agent supplying means includes a tube member, which is mounted in a recess, which is transverse to ~~[[a]]~~ the longitudinal direction of the blade part and arranged in the basic holder part of the tool head, the tube member having an inlet for connection to a cooling agent source and an outlet for leading the cooling agent in a direction towards the cutting insert.

Claim 12 (Currently Amended): A tool head for a cutting tool for parting and grooving operations, which is detachably connectable to a coupling part of the cutting tool and which has a blade part, the blade part including two opposing planar surfaces that are separated by a depth

that is shorter than the length and width dimensions of the two opposing planar surfaces, and wherein the depth of the blade part is transverse to a longitudinal direction of the blade part, wherein in a front portion of the blade part, which an insert pocket is formed, in which a cutting insert is fastenable, and in a back portion, which is opposite in the longitudinal direction from the front portion, the blade part is joined to the basic holder part,

wherein ~~[[it]]~~ the tool head has a recess transverse to ~~[[a]]~~ the longitudinal direction of the blade part, in which recess a tube member is mounted, the tube member having an inlet for connection to a cooling agent source and an outlet for leading the cooling agent in a direction towards the cutting insert, and

wherein the outlet of the tube member is arranged at substantially the same level vertically as the cutting insert in the insert pocket.

Claim 13 (Previously Presented): A tool head according to claim 10, further comprising a basic holder part joined to the blade part of the tool head.

Claim 14 (Currently Amended): A tool head according to claim 13, wherein the basic holder part and the blade part are formed in one piece, the basic holder part having considerably larger ~~width~~ depth than the blade part.

Claim 15 (Previously Presented): A tool head according to claim 13, wherein the transverse recess, in which said tube member is mounted, is arranged in the basic holder part of the tool head.

Claim 16 (Previously Presented): A tool head according to claim 10, wherein the tube member receiving recess in the tool head has a longitudinal extension substantially perpendicular to the longitudinal extension of the blade part.

Claim 17 (Previously Presented): A tool head according to claim 10, wherein the tube member receiving recess in the tool head is a through hole.

Claim 18 (Previously Presented): A tool head according to claim 10, wherein the outlet of the tube member is arranged at substantially the same level vertically as the cutting insert in the insert pocket.

Claim 19 (Previously Presented): A tool head according to claim 10, wherein the tube member has a substantially cylindrical basic shape and has at least two sections with different diameters.

Claim 20 (Previously Presented): A tool head according to claim 10, wherein there is provided, in the tool head, a leading channel for cooling agent from the recess of the tool head to the insert pocket.